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In re Application of

Application Number

08/587448

Filed

12/1/95

Paper No. ~~458~~ 77

I hereby request access under 37 CFR 1.14(a)(1)(iv) to the application file record of the above-identified ABANDONED application, which is not within the file jacket of a pending Continued Prosecution Application (CPA) (37 CFR 1.53(d)) and which is identified in, or to which a benefit is claimed, in the following document (as shown in the attachment):

United States Patent Application Publication No. \_\_\_\_\_, page, \_\_\_\_\_ line \_\_\_\_\_.

United States Patent Number 6665797, column \_\_\_\_\_, line, \_\_\_\_\_ or

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This collection of information is required by 37 CFR 1.11 and 1.14. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. BRING TO: File Information Unit, Room 2E04, 2900 Crystal Drive, Arlington, Virginia.

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US00665797B1

(12) **United States Patent**  
**Keung**

(10) **Patent No.:** **US 6,665,797 B1**  
(45) **Date of Patent:** **Dec. 16, 2003**

(54) **PROTECTION OF SOFTWARE AGAINST UNAUTHORIZED USE**

(76) **Inventor:** **Tse Ho Keung**, P.O. Box 54670, North Point Post Office (HK)

(\*) **Notice:** Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) **Appl. No.:** **09/112,276**

(22) **Filed:** **Jul. 9, 1998**

**Related U.S. Application Data**

(63) **Continuation-in-part of application No. 08/587,448, filed on Dec. 1, 1995:**

(51) **Int. Cl.<sup>7</sup>** ..... **H04L 12/22**

(52) **U.S. Cl.** ..... **713/193; 705/51; 705/59**

(58) **Field of Search** ..... **705/51, 52, 56, 705/58, 59; 713/193**

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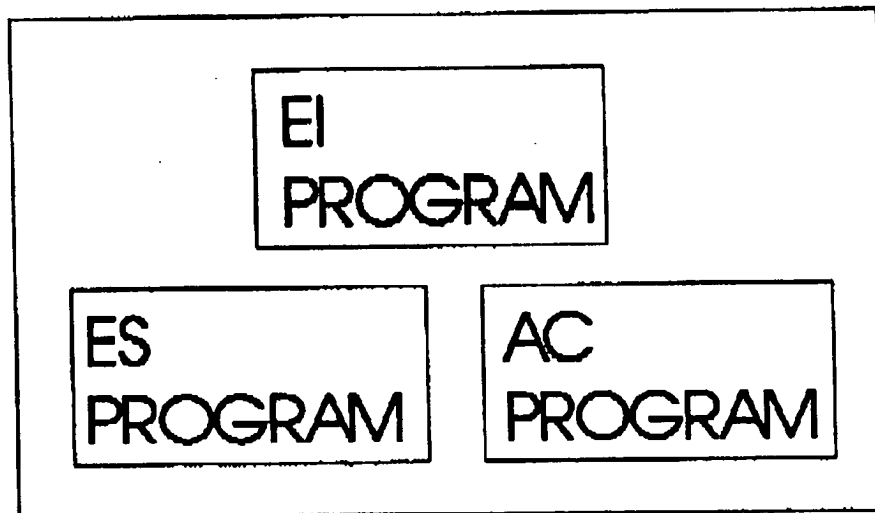
\* cited by examiner

*Primary Examiner*—Gilberto Barron

(57) **ABSTRACT**

A central program comprising a EI sub-program for providing identity information of the rightful user thereof for accessing a network central computer to obtain service(s) or software product(s) or alike, in which a secure operation on an account of the rightful user for payment therefor involved; and a AS sub-program for using the existence of the EI sub-program in a computer as a precondition for authorising use of those software products obtained on that computer. The central program is for managing the use of the individual sub-programs therein so that the AS sub-program can be protected from being copied individually.

**22 Claims, 1 Drawing Sheet**



**THE  
CENTRAL  
PROGRAM**

Interrupt | Escape | Save\_NDCs | NDC Management

## Text Search

17 APR 1997 14:02:52

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P0003

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P0008

L5 44 S L1 AND L4

L6 100 S L3 NOT L5

L7 4 S ENCRYPTED ID

L8 6 S S HARDWARE CONFIGURATION

=&gt; s l2 and l8

L9 0 L2 AND L8

=&gt; ss software (3a) distribut?

55390 SOFTWARE

424036 DISTRIBUT?

L10 561 SOFTWARE (3A) DISTRIBUT?

=&gt; s 380/clas

L11 5123 380/CLAS

=&gt; s l10 and l11

L12 119 L10 AND L11

=&gt; s l10 and l4

L13 83 L10 AND L4

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